

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 03148618  
PUBLICATION DATE : 25-06-91

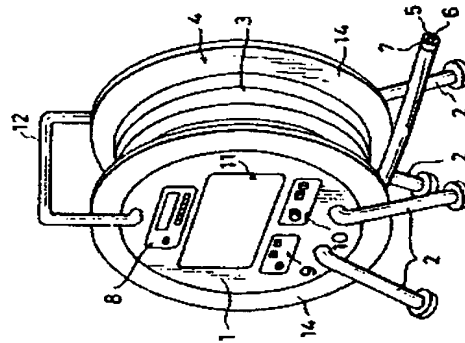
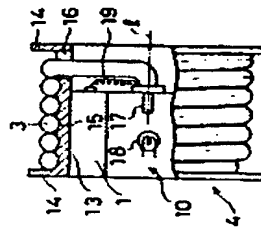
APPLICATION DATE : 17-10-90  
APPLICATION NUMBER : 02280206

APPLICANT : OLYMPUS OPTICAL CO LTD;

INVENTOR : TOJO YOSHIKAZU;

INT.CL. : G02B 23/24 A61B 1/00

TITLE : ENDOSCOPE UNIT DEVICE



ABSTRACT : PURPOSE: To facilitate the handling of a long-sized insertion part and to store the device compactly by winding a take-up drum part with the insertion part and positioning a lamp part in the center of rotation of the drum part.

CONSTITUTION: A drum 4 for storage is provided rotatably around a unit main body 1 and stored while wound with the flexible insertion part which is about 10m long. Then the incidence base end part 17 of the light guide of the insertion part 3 is arranged matching the center axis I of rotation of a take-up barrel 13 and the lamp 18 of a light source unit 10 is arranged opposite it. When an endoscope is used, the insertion part 3 is drawn out while the drum 4 is rotated, and then inserted into a body to be inspected, and an image is viewed on a monitor part 11 and recorded by a VTR part 8; and the drum 4 is wound with the insertion part 3 after the use, so the device is easily handled and stored compactly.

COPYRIGHT: (C)1991,JPO&Japio